

FPPPA Computation for 3rd Qtr. 2021-22			
I	Fuel Surcharge	Unit	Value
1	PPCA - Average Power Purchase Cost per Unit for the Quarter	Rs/KWh	5.49
2	PPCB - Approved Average Base Power Purchase Cost per Unit	Rs/KWh	4.481
3	Approved T&D Losses	2020-21	14.77%
4	FPPPA for the quarter (PPCA - PPCB)/(100-Loss)	Rs/KWh	1.18
5	** Add: Rs 1.80 as base FPPPA	Rs/KWh	1.80
6	Total FPPPA for the quarter	Rs/KWh	2.98
7	Total recoverable FPPPA for the Quarter	Rs/KWh	2.98

** GERC, vide Tariff Order dated 31.3.2021, has shifted the base year of power purchase cost from FY 2018-19 to FY 2019-20 for FPPPA calculation. While shifting the base, GERC has considered base FPPPA of Rs. 1.80 per unit, leviable over and above the FPPPA of the Quarter.

Note: Presently, FPPPA charges of Rs. 2.00 per unit is recovered from consumers . The FPPPA for Q 3 works out to Rs . 2.98/unit. Against which , the recovery shall be made at Rs . 2.10/unit (i.e. 2.00/unit + 0.10 /unit) w.e.f 1st January 2022. Further, the balance FPPPA of Rs . 0.88/unit shall not be recovered from Residential Category (consumption upto 200 Units/Month) and Non -Residential Category (having load upto 40 KW) and burden of the non -recovery from such consumers shall be borne by GUVNL / DISCOMs.

હાલમાં, ફ્યુઅલ સરચાર્જ રૂ. 2.00/unit થી વસુલાય છે. Quarter 3 નો ફ્યુઅલ સરચાર્જ રૂ. 2.98/unit થાય છે. જે પૈકી, ગ્રાહકો પાસેથી 1st Jan 2022થી ફ્યુઅલ સરચાર્જની વસુલાત રૂ. 2.10/unitનાં (2.00/unit + 0.10 /unit) દરથી કરવામાં આવશે. જ્યારે, રહેણાંકીય વીજ ગ્રાહકો (માસિક ૨૦૦ યુનિટ સુધી વીજ વપરાશ કરતાં) અને બિન-રહેણાંકીય વીજ ગ્રાહકો (૪૦ કી.વો. લોડ સુધીના) ગ્રાહકો પાસેથી બેલેન્સ ફ્યુઅલ સરચાર્જ Rs. 0.88/unit ની વસુલાત કરવામાં આવશે નહિ અને આ અંગેનું ભારણ GUVNL/DISCOM દ્વારા ભોગવવામાં આવશે.

Power Purchase during 3rd Quarter of 2021-22

Sr No	Stations	Mus	Fixed Cost (Rs Cr)	Variable Cost (Rs/Unit)	Variable Cost (Rs. Cr)
1	NPC - Tarapur- 1&2	0	0	0.00	3.6
2	NPC - Tarapur- 3&4	554	0	3.80	210
3	NPC - Kakrapar	255	0	2.11	54
4	NTPC - VINDHYACHAL - I	440	36	1.77	78
5	NTPC - VINDHYACHAL - II	398	30	1.73	69
6	NTPC - VINDHYACHAL - III	561	59	1.67	94
7	NTPC - KORBA	749	50	1.48	111
8	NTPC - KORBA II	269	34	1.43	38
9	NTPC - KAWAS	58	31	16.23	95
10	NTPC - JHANOR	59	52	16.34	96
11	NTPC - Sipat Stage - I	805	120	1.49	120
12	NTPC - Sipat Stage-II	548	64	1.56	86
13	NTPC - Kahalgaon (New)	254	28	2.68	68
14	NTPC - Vindhyachal STPS-IV	442	70	1.68	74
15	NTPC - Mauda STPS-I	620	150	3.50	217
16	NTPC - Vindhyachal STPS-V	191	30	1.70	33
17	NTPC - Mauda STPS-II	944	139	3.56	336
18	NTPC - Others	32	6	3.59	11
19	NTPC Gadawara	406	105	3.00	122
20	NTPC LARA	317	54	1.97	62
21	NTPC Khargaon	423	97	3.10	131
22	NTPC-Farakka - 3	38	7	2.77	10
23	NTPC-Kahalgaon 1	229	26	2.74	63
24	NTPC-Farakka - 1	392	37	2.86	112
25	NTPC-Talcher	39	4	1.81	7
26	NTPC-Darlipalli	21	4	1.10	2
27	NTPC-Unchahar - 1	26	6	3.40	9
28	NTPC-Tanda - 2	73	12	2.89	21
29	SSNNL - Hydro	61	0	2.05	12
30	Gandhinagar V	335	23	4.01	135
31	Wanakbori VII	259	7	4.27	110
32	Utran Extension	13	37	23.94	31
33	Dhuvaran Gas Based - Stage-I	14	15	18.23	26
34	Dhuvaran Gas Based - Stage-II	2	15	18.16	3
35	Ukai TPS	563	57	4.06	229
36	Ukai Expansion 6	522	39	3.52	184
37	Gandhinagar I to IV	461	69	4.34	200
38	Wanakbori I to VI	1407	78	4.43	623
39	Sikka 3 & 4	0	-34	0.00	0
40	Kutch Lignite I to III	111	25	3.80	42
41	Kutch Lignite IV	0	-5.14	0.00	0
42	Ukai Hydro	236	6	0.00	0
43	Kadana Hydro	77	7	0.00	0
44	GSECL Dhuvaran CAPP III	0	0	0.00	0
45	GSECL -BECL (BLTPS)	417	77	2.63	109
46	Wanakbori VIII	916	95	3.65	334
47	GSEG	0	13	0.00	0
48	GSEG Expansion	3	52	24.48	7
49	GSPC-Pipavav	11	126	24.36	28
50	GIPCL - I (145)	21	1	9.35	20
51	GIPCL II (160)	0	0	0.00	0
52	GIPCL-SLPP	328	30	1.43	47
53	GIPCL, SLPP Expansion	297	46	1.43	43
54	GMDC - Akrimota	139	16	1.53	21
55	Wind Farms	1570	0	3.50	550
56	Solar Photovoltaic	1434	0	4.97	713
57	Hydel	27	0	4.05	11
58	Biomass	0	0	0.00	0
59	APPL	1031	174	4.02	414
60	ACB India Ltd	319	40	0.72	23
61	Mundra UMPP	2587	248	4.50	1164
62	Essar - 1000 MW	0	0	0.00	0
63	Captive Power Plant	15	0	2.15	3
64	Power Exchange	3152	0	7.83	2468
65	Short Term Power Purchase	867	0	3.95	343
66	Medium Term Power Purchase	1158	171	1.65	191
	Sub-total	27496	2680	3.79	10417
66	TR.CHGS.-PGCIL	0	795	0.00	0.00
67	GETCO Wheeling	0	737	0.00	0.00
68	GUVNL Charges	0	110	0.00	0.00
69	SLDC Charges	0	5.3	0.00	0.00
	Grand Total	27496	4327	3.79	10417
	Total Power Purchase Cost (Rs. Cr)				14744
				Gross PPCA	5.36
	Less: deduction made in GSECL's FCA claim for Q3 and past period				-198
	Add: payment to APPL towards past period as per CERC order				538
	Net Power Purchase cost (Rs. Cr)	27496			15084
	Average power Purchase cost (Rs./Unit)			Net PPCA	5.49

LOSS COMPUTATION FOR FPPPA

Sr No	Particulars	FY 2021-22
1	Energy Purchase	93,073
2	Sales of Discoms (MU)	79,326
3	Loss in the system (MU)	13,747
4	T & D Loss	14.77%